

Appendix 6.2 Detailed Results of the Ecological Non-aquatic Monitoring during this Reporting Period

Appendix 6.2a Mammal Species Recorded for Ecologically Sensitive Habitat Monitoring Conducted by First Phase ET

Common Name	Scientific Name	Conservation and Protection Status ⁽¹⁾	Status in Hong Kong ⁽²⁾	Occurrence Status	Relative Abundance ⁽³⁾		
					Transect Route (Survey Date)		
					T1 (11 Dec 25)	T3 (9 Dec 25)	T4 (9 Dec 25)
Japanese Pipistrelle	<i>Pipistrellus abramus</i>	Cap. 170	Widespread	Native	+++	+++	+++
Domestic Dog	<i>Canis lupus familiaris</i>	-	Widespread	Introduced	+		+
Domestic Cat	<i>Felis catus</i>	-	Widespread	Introduced	+		
Total No. of Species Recorded					3	1	2
Total No. of Species of Conservation Importance Recorded					1	1	1
Total No. of Native Species Recorded					1	1	1

Notes:

- Conservation and Protection Status refer to Fellowes *et al.* (2002), IUCN (2025), RLCV (Jiang *et al.*, 2016), List of National Key Protected Wild Animal (2021), CITES (2025), Cap. 170 and Cap. 586.
 - Cap. 170 = Wild Animals Protection Ordinance.
- Distribution and rarity follow the data of HKBIH (AFCD, 2025).
- + = Species recorded within transect routes; ++ = Species commonly recorded within transect routes; +++ = Dominant species within transect routes.
- Species considered as of conservation importance is indicated in bold type.

Appendix 6.2b Herpetofauna Species Recorded for Ecologically Sensitive Habitat Monitoring Conducted by First Phase ET

Common Name	Scientific Name	Conservation and Protection Status ⁽¹⁾	Status in Hong Kong ⁽²⁾	Occurrence Status	Relative Abundance ⁽³⁾		
					Transect Route (Survey Date)		
					T1 (11 Dec 25)	T3 (9 Dec 25)	T4 (9 Dec 25)
Amphibians							
Asian Common Toad	<i>Duttaphrynus melanostictus</i>	-	Widespread	Native			+
Brown Tree Frog	<i>Polypedates megacephalus</i>	-	Widespread	Native			+
Reptiles							
Chinese Gecko	<i>Gekko chinensis</i>	-	Widespread	Native		+	+
Bowring's Gecko	<i>Hemidactylus bowringii</i>	-	Widespread	Native	+		
Total No. of Species Recorded					1	1	3
Total No. of Species of Conservation Importance Recorded					0	0	0
Total No. of Native Species Recorded					1	1	3

Notes:

1. Conservation and Protection Status refer to Fellowes *et al.* (2002), IUCN (2025), RLCV (Jiang *et al.*, 2016), List of National Key Protected Wild Animal (2021), CITES (2025), Cap. 170 and Cap. 586.
2. Distribution and rarity follow the data of HKBIH (AFCD, 2025).
3. + = Species recorded within transect routes; ++ = Species commonly recorded within transect routes; +++ = Dominant species within transect routes.
4. Species considered as of conservation importance is indicated in bold type.

Appendix 6.2c Butterfly Species Recorded for Ecologically Sensitive Habitat Monitoring Conducted by First Phase ET

Common Name	Scientific Name	Conservation and Protection Status ⁽¹⁾	Status in Hong Kong ⁽²⁾	Occurrence Record	Relative Abundance ⁽³⁾		
					Transect Route (Survey Date)		
					T1 (11 Dec 25)	T3 (9 Dec 25)	T4 (9 Dec 25)
Purple Sapphire	<i>Heliophorus epicles</i>	-	Common	Native	+		
Transparent 6-line Blue	<i>Nacaduba kurava</i>	-	Common	Native			+
Dark Cerulean	<i>Jamides bochus</i>	-	Common	Native	+		
Pale Grass Blue	<i>Zizeeria maha</i>	-	Very Common	Native	++	+	+
Common Hedge Blue	<i>Acytolepis puspa</i>	-	Common	Native			+
Quaker	<i>Neopithecops zalmora</i>	-	Uncommon	Native	+		
Plum Judy	<i>Abisara echerius</i>	-	Very Common	Native	+++	+	+
Dark-brand Bush Brown	<i>Mycalesis mineus</i>	-	Very Common	Native	+++	+	
Common Five-ring	<i>Ypthima baldus</i>	-	Very Common	Native	+	+	
Blue-spotted Crow	<i>Euploea midamus</i>	-	Very Common	Native	+		
Large Faun	<i>Faunis eumeus</i>	-	Common	Native	+		
Great Egg-fly	<i>Hypolimnas bolina</i>	-	Common	Native	+		
Lemon Pansy	<i>Junonia lemonias</i>	-	Common	Native	+++	+	
Tawny Rajah	<i>Charaxes bernardus</i>	-	Common	Native	+		
Angled Castor	<i>Ariadne ariadne</i>	-	Common	Native	+	+	
Staff Sergeant	<i>Athyma selenophora</i>	-	Common	Native	+	+	
Common Sailer	<i>Neptis hylas</i>	-	Very Common	Native	++	+	+
Common Mormon	<i>Papilio polytes</i>	-	Very Common	Native	++		+
Red Helen	<i>Papilio helenus</i>	-	Very Common	Native	+		
Spangle	<i>Papilio protenor</i>	-	Very Common	Native	+		
Great Mormon	<i>Papilio memnon</i>	-	Very Common	Native	+		+
Paris Peacock	<i>Papilio paris</i>	-	Very Common	Native	+++		
Common Bluebottle	<i>Graphium sarpedon</i>	-	Very Common	Native		+	
Lemon Emigrant	<i>Catopsilia pomona</i>	-	Common	Native	+	+	++
Common Grass Yellow	<i>Eurema hecabe</i>	-	Very Common	Native	+++	++	+
Red-base Jezebel	<i>Delias pasithoe</i>	-	Very Common	Native	++	+	

Indian Cabbage White	<i>Pieris canidia</i>	-	Very Common	Native	+++	+++	+
Great Orange Tip	<i>Hebomoia glaucippe</i>	-	Common	Native	+		
Total No. of Species Recorded					25	13	10
Total No. of Species of Conservation Importance Recorded					0	0	0
Total No. of Native Species Recorded					25	13	10

Notes:

1. Conservation and Protection Status refer to Fellowes *et al.* (2002), IUCN (2025), RLCV (Jiang *et al.*, 2016), List of National Key Protected Wild Animal (2021), CITES (2025), Cap. 170 and Cap. 586.
2. Distribution and rarity follow the data of HKBIH (AFCD, 2025).
3. + = Species recorded within transect routes; ++ = Species commonly recorded within transect routes; +++ = Dominant species within transect routes.
4. Species considered as of conservation importance is indicated in bold type.

Appendix 6.2d Odonate Species Recorded for Ecologically Sensitive Habitat Monitoring Conducted by First Phase ET

Common Name	Scientific Name	Conservation and Protection Status ⁽¹⁾	Status in Hong Kong ⁽²⁾	Occurrence Record	Relative Abundance ⁽³⁾		
					Transect Route (Survey Date)		
					T1 (11 Dec 25)	T3 (9 Dec 25)	T4 (9 Dec 25)
Pied Percher	<i>Neurothemis tullia</i>	-	Localised	Native	+		
Green Skimmer	<i>Orthetrum sabina</i>	-	Widespread	Native	+		
Wandering Glider	<i>Pantala flavescens</i>	-	Widespread	Native	+++	++	
Total No. of Species Recorded					3	1	0
Total No. of Species of Conservation Importance Recorded					0	0	0
Total No. of Native Species Recorded					3	1	0

Notes:

1. Conservation and Protection Status refer to Fellowes *et al.* (2002), IUCN (2025), RLCV (Jiang *et al.*, 2016), List of National Key Protected Wild Animal (2021), CITES (2025), Cap. 170 and Cap. 586.
2. Distribution and rarity follow the data of HKBIH (AFCD, 2025).
3. + = Species recorded within transect routes; ++ = Species commonly recorded within transect routes; +++ = Dominant species within transect routes.
4. Species considered as of conservation importance is indicated in bold type.

Appendix 6.2e Mammal Species Recorded for Ecologically Sensitive Habitat Monitoring Conducted by Remaining Phase ET

Common Name	Scientific Name	Conservation and Protection Status ⁽¹⁾	Status in Hong Kong ⁽²⁾	Occurrence Status	Transect Route (Survey Date)	T2 (17 Dec 2025)
					No. of Recording ⁽³⁾	Relative Abundance ⁽⁴⁾
Intermediate Horseshoe Bat	<i>Rhinolophus affinis</i>	Cap. 170	Widespread	Native	1	+
Chinese Noctule	<i>Nyctalus plancyi</i>	PRC (RC); Cap. 170	Widespread	Native	2	++
Least Pipistrelle	<i>Pipistrellus tenuis</i>	Cap. 170	Localised	Native	15	+++
Chinese Pipistrelle	<i>Hypsugo pulveratus</i>	(LC); Cap. 170	Localised	Native	1	+
Lesser Yellow Bat	<i>Scotophilus kuhlii</i>	(LC); Cap. 170	Widespread	Native	1	+
Domestic Dog	<i>Canis lupus familiaris</i>	-	Widespread	Introduced	N/A	++
Total No. of Species Recorded						6
Total No. of Species of Conservation Importance Recorded						5
Total No. of Native Species Recorded						5

Notes:

- Conservation and Protection Status refer to Fellowes *et al.* (2002), IUCN (2025), RLCV (Jiang *et al.*, 2016), List of National Key Protected Wild Animal (2021), CITES (2025), Cap. 170 and Cap. 586.
 - Conservation status by Fellowes *et al.* (2002): LC = Local Concern; PRC = Potential Regional Concern; RC = Regional Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than general occurrence.
 - Cap. 170 = Wild Animals Protection Ordinance.
- Distribution and rarity follow the data of HKBIH (AFCD, 2025).
- Relative abundance for bat species was derived from the number of recordings which does not represent the actual number of individuals per species due to the limitation of the survey equipment.
- + = Species recorded with 1 individual/no. of recording along transect routes; ++ = Species recorded with 2 – 3 individuals/no. of recordings along transect routes; +++ = Species recorded with 4 or more individuals/no. of recording along transect routes.
- Species considered as of conservation importance is indicated in bold type.

Appendix 6.2f Herpetofauna Species Recorded for Ecologically Sensitive Habitat Monitoring Conducted by Remaining Phase ET

Common Name	Scientific Name	Conservation and Protection Status ⁽¹⁾	Status in Hong Kong ⁽²⁾	Occurrence Status	Relative Abundance ⁽³⁾
					Transect Route (Survey Date)
					T2 (17 Dec 2025)
Reptiles					
Chinese Gecko	<i>Gekko chinensis</i>	-	Widespread	Native	++
Total No. of Species Recorded					1
Total No. of Species of Conservation Importance Recorded					0
Total No. of Native Species Recorded					1

Notes:

1. Conservation and Protection Status refer to Fellowes *et al.* (2002), IUCN (2025), RLCV (Jiang *et al.*, 2016), List of National Key Protected Wild Animal (2021), CITES (2025), Cap. 170 and Cap. 586.
2. Distribution and rarity follow the data of HKBIH (AFCD, 2025).
3. + = Species recorded with 1 individual along transect routes; ++ = Species recorded with 2 – 3 individuals along transect routes; +++ = Species recorded with 4 or more individuals along transect routes.
4. Species considered as of conservation importance is indicated in bold type.

Appendix 6.2g Butterfly Species Recorded for Ecologically Sensitive Habitat Monitoring Conducted by Remaining Phase ET

Common Name	Scientific Name	Conservation and Protection Status ⁽¹⁾	Status in Hong Kong ⁽²⁾	Occurrence Status	Relative Abundance ⁽³⁾
					Transect Route (Survey Date)
					T2 (17 Dec 2025)
Plum Judy	<i>Abisara echerius</i>	-	Very Common	Native	++
Common Five-ring	<i>Ypthima baldus</i>	-	Very Common	Native	++
Five-dot Sergeant	<i>Limenitis sulphitia</i>	-	Common	Native	+
Common Sailer	<i>Neptis hylas</i>	-	Very Common	Native	++
Red Helen	<i>Papilio helenus</i>	-	Very Common	Native	+
Common Grass Yellow	<i>Eurema hecabe</i>	-	Very Common	Native	+
Total No. of Species Recorded					6
Total No. of Species of Conservation Importance Recorded					0
Total No. of Native Species Recorded					6

Notes:

1. Conservation and Protection Status refer to Fellowes *et al.* (2002), IUCN (2025), RLCV (Jiang *et al.*, 2016), List of National Key Protected Wild Animal (2021), CITES (2025), Cap. 170 and Cap. 586.
2. Distribution and rarity follow the data of HKBIH (AFCD, 2025).
3. + = Species recorded with 1 individual along transect routes; ++ = Species recorded with 2 – 5 individuals along transect routes; +++ = Species recorded with 6 or more individuals along transect routes.
4. Species considered as of conservation importance is indicated in bold type.

Appendix 6.2h Odonate Species Recorded for Ecologically Sensitive Habitat Monitoring Conducted by Remaining Phase ET

Common Name	Scientific Name	Conservation and Protection Status ⁽¹⁾	Status in Hong Kong ⁽²⁾	Occurrence Status	Relative Abundance ⁽³⁾
					Transect Route (Survey Date)
					T2 (17 Dec 2025)
Common Blue Skimmer	<i>Orhetrum glaucum</i>	-	Widespread	Native	++
Total No. of Species Recorded					1
Total No. of Species of Conservation Importance Recorded					0
Total No. of Native Species Recorded					1

Notes:

1. Conservation and Protection Status refer to Fellowes *et al.* (2002), IUCN (2025), RLCV (Jiang *et al.*, 2016), List of National Key Protected Wild Animal (2021), CITES (2025), Cap. 170 and Cap. 586.
2. Distribution and rarity follow the data of HKBIH (AFCD, 2025).
3. + = Species recorded with 1 individual along transect routes; ++ = Species recorded with 2 – 5 individuals along transect routes; +++ = Species recorded with 6 or more individuals along transect routes.
4. Species considered as of conservation importance is indicated in bold type.